Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG050715\
Data File : BG016935.D
Acq On : 8 May 2015 00:08
Operator : TP/IZ
Sample : G2038-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-01MS

Manual Integrations APPROVED
apatel
5/8/2015 5:08:31 PM

Quant Time: May 13 15:18:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 04:04:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	75173	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	349582	20.00	ng		0.06
38) Acenaphthene-d10	14.44	164	207064	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	424549	20.00	ng		0.00
75) Chrysene-d12	21.36	240	416682	20.00	ng		0.00
86) Perylene-d12	23.66	264	410964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	338667	78.45	ng		0.01
7) Phenol-d6	6.97	99	327420	53.08	ng		0.00
23) Nitrobenzene-d5	8.96	82	666819	93.19	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	352303	169.48	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	1309696	95.45	ng		0.00
78) Terphenyl-d14	19.81	244	1652564	92.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	29963	16.56	ng	#	1
3) Pyridine	3.69	79	91227	16.31	ng		99
4) n-Nitrosodimethylamine	3.61	42	67508	20.22	ng	#	94
6) Aniline	7.14	93	43238	4.99	ng		94
8) 2-Chlorophenol	7.37	128	212322	42.45	ng		99
9) Benzaldehyde	6.95	77	338023	Below Cal		#	1
10) Phenol	7.00	94	172260	26.04	ng		96
11) bis(2-Chloroethyl)ether	7.23	93	261409	51.12	ng		95
12) 1,3-Dichlorobenzene	7.69	146	204559	37.09	ng		97
13) 1,4-Dichlorobenzene	7.84	146	209451	37.49	ng		97
14) 1,2-Dichlorobenzene	8.17	146	218917	40.83	ng		95
15) Benzyl Alcohol	8.06	79	180485	32.04	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.34	45	448781	47.41	ng		87
17) 2-Methylphenol	8.24	107	201245	43.21	ng		98
18) Hexachloroethane	8.88	117	101563	44.23	ng	#	82
19) n-Nitroso-di-n-propylamine	8.62	70	257183	47.55	ng		98
20) 3+4-Methylphenols	8.57	107	266860	41.58	ng		94
22) Acetophenone	8.63	105	645848	77.57	ng	#	98
24) Nitrobenzene	9.00	77	358318	49.58	ng		98
25) Isophorone	9.56	82	660703	45.73	ng		99
26) 2-Nitrophenol	9.72	139	148728	50.55	ng		97
27) 2,4-Dimethylphenol	9.79	122	371884	69.84	ng		95
28) bis(2-Chloroethoxy)methane	10.06	93	356737	48.91	ng		96
29) 2,4-Dichlorophenol	10.27	162	235903	46.89	ng		96
30) 1,2,4-Trichlorobenzene	10.51	180	233984	43.86	ng		95
31) Naphthalene	10.75	128	20178281	1160.50	ng	#	1
32) Benzoic acid	9.90	122	56412	21.58	ng		86
34) Hexachlorobutadiene	10.94	225	128414	38.46	ng		96
35) Caprolactam	11.68	113	26699	10.22	ng		93
36) 4-Chloro-3-methylphenol	11.88	107	286674	44.50	ng		97
37) 2-Methylnaphthalene	12.27	142	3243550	244.91	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	274207	48.99	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	142916	39.53	ng		95
42) 2,4,6-Trichlorophenol	12.86	196	198682	50.09	ng		95

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Quant Time: May 13 15:18:50 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 04:04:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.94	196	216442	51.41	ng		97
45) 1,1'-Biphenyl	13.28	154	1309632	88.34	ng		96
46) 2-Chloronaphthalene	13.31	162	589724	50.22	ng		96
47) 2-Nitroaniline	13.52	65	249944	61.15	ng		96
48) Acenaphthylene	14.16	152	1319245	64.51	ng		97
49) Dimethylphthalate	13.90	163	771974	49.93	ng		99
50) 2,6-Dinitrotoluene	14.02	165	180702	56.29	ng		96
51) Acenaphthene	14.51	154	1707425	140.30	ng		97
52) 3-Nitroaniline	14.35	138	65384	17.90	ng		91
53) 2,4-Dinitrophenol	14.55	184	185998	126.67	ng	#	80
54) Dibenzofuran	14.84	168	1602830	92.75	ng		91
55) 4-Nitrophenol	14.65	139	129382	41.78	ng		93
56) 2,4-Dinitrotoluene	14.80	165	248580	60.53	ng		97
57) Fluorene	15.49	166	1379553	90.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	197365	54.32	ng	#	76
59) Diethylphthalate	15.27	149	797394	48.85	ng		99
60) 4-Chlorophenyl-phenylether	15.49	204	386181	50.24	ng		96
61) 4-Nitroaniline	15.51	138	107931	25.49	ng		96
62) Azobenzene	15.77	77	864619	51.15	ng		96
64) 4,6-Dinitro-2-methylphenol	15.57	198	129179	61.37	ng		91
65) n-Nitrosodiphenylamine	15.70	169	657713	50.75	ng		97
66) 4-Bromophenyl-phenylether	16.38	248	226813	53.23	ng		99
67) Hexachlorobenzene	16.49	284	237774	52.91	ng		97
68) Atrazine	16.66	200	174519	37.42	ng		97
69) Pentachlorophenol	16.84	266	325566	111.59	ng		96
70) Phenanthrene	17.23	178	2006373m	91.83	ng		
71) Anthracene	17.32	178	1214480	55.10	ng		99
72) Carbazole	17.59	167	2732166	130.39	ng	#	87
73) Di-n-butylphthalate	18.15	149	1325426	48.79	ng		99
74) Fluoranthene	19.25	202	1312269	51.77	ng		96
77) Pyrene	19.60	202	1313972	53.43	ng		99
79) Butylbenzylphthalate	20.50	149	617841	52.86	ng		100
80) Benzo(a)anthracene	21.35	228	1184019	52.97	ng		99
82) Chrysene	21.40	228	1108233	52.93	ng		100
83) Bis(2-ethylhexyl)phthalate	21.28	149	847887	53.03	ng		99
84) Di-n-octyl phthalate	22.17	149	1446749	53.87	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.04	276	1354653	54.29	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1213224	52.99	ng		97
88) Benzo(k)fluoranthene	23.02	252	1121180	50.91	ng		100
89) Benzo(a)pyrene	23.57	252	1137706	53.29	ng		98
90) Dibenzo(a,h)anthracene	26.05	278	1156935	53.05	ng		98
91) Benzo(g,h,i)perylene	26.77	276	1095675	52.76	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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